

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	(pixel adj value) near (vertical adj average)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/09/29 13:45
L2	0	(pixel adj value) near (luminance adj variance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/09/29 13:46
L3	1275154	directing the person's voice	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/09/29 13:46
L4	0	(directing adj person's adj voice)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/09/29 13:47
L5	130	(directing adj voice)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/09/29 13:56
L6	12027	(head adj movement)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/09/29 13:57
L7	172	"382"/\$.ccls. AND 6	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/29 14:09
L8	39	7 AND voice	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/29 14:09
S5	1507	382/154.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/07 14:53
S6	0	S5 AND (images AND (polar ADJ plot) AND centroid)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/07 14:54

## EAST Search History

S7	6	S5 AND (images AND plot AND centroid)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/07 15:52
S8	1251	382/103.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/07 15:52
S9	180	S8 AND (image\$1 AND value\$1 AND centroid)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/07 15:54
S11	43131	"382"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/29 13:58
S12	1	S11 AND (image\$1 AND (polar ADJ plot) AND centroid)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 08:27
S13	492	S11 AND (angular ADJ orientation)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 08:27
S14	57	S11 AND telepresence	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 09:33
S15	1161	((obtained OR acquiring OR recording) AND image) AND values AND centroid	USPAT	OR	OFF	2006/09/11 10:26
S16	1692	("382/103" OR 382/288 OR 382/289).ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 15:19
S22	18	S18 AND image	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 15:30
S24	0	S18 AND interpol*	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 15:31
S25	7	S18 AND luminance	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 15:38
S26	1086	(382/286 OR 382/288 OR 382/291).ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 15:39
S31	400847	(object or face or facial) near4 (position\$1 or tracking or location\$1 or angle\$1 or orientation\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 11:07

## EAST Search History

S32	14162	S31 and ("382"/\$.ccls. or "348"/\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 11:08
S33	5	S32 and (polar adj plot) and origin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 11:10
S34	880	S32 and centroid	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 11:10
S40	3035	calibra\$3 WITH camera\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/18 08:47
S48	15037	(object OR head) near2 (orientation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 15:25
S49	3004	S48 SAME image\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 15:29
S50	112	S49 SAME (position\$1 AND pixel\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 16:14

## EAST Search History

S52	5484	"near" adj infrared adj light	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 16:52
S53	383	S52 WITH obtain\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 16:52
S54	5	"near" adj infrared adj light	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 08:00
S55	0	(assign\$4 NEAR3 value*) WITH image*	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 08:02
S56	1	assign\$4 NEAR3 value*	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 08:03
S57	82037	assign\$4 NEAR3 value\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 08:03
S58	5436	S57 WITH image\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 08:04

## EAST Search History

S59	550	S58 SAME position	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 08:09
S62	0	S61 AND interpola\$3	USPAT	OR	OFF	2006/09/19 09:00
S63	2	(determin\$3 NEAR3 width NEAR3 object\$1) WITH (scan\$4 NEAR3 image\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 10:18
S64	3	((determin\$3 OR obtain\$3) NEAR3 width NEAR3 object\$1) WITH (scan\$4 NEAR3 image\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 10:20
S65	6	((determin\$3 OR obtain\$3 OR measur\$3) NEAR3 width NEAR3 object\$1) WITH (scan\$4 NEAR3 image\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 10:21
S67	594	interpolat\$3 NEAR between near pixel\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/27 14:21
S69	111	(obtain\$3 or determin\$3 or measur\$3 or acquir\$4) NEAR3 ((object\$1 adj width) or (width adj of adj object\$1) or (width NEAR2 object\$1) NEAR3 (scan\$4 NEAR2 image\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 10:22
S70	0	(obtain\$3 or determin\$3 or measur\$3 or acquir\$4) NEAR3 ((object\$1 adj width) or (width adj of adj object\$1) or (width NEAR2 object\$1)) NEAR3 (scan\$4 NEAR2 image\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 10:23

## EAST Search History

S71	0	(obtain\$3 or determin\$3 or measur\$3 or acquir\$4) NEAR3 ((object\$1 adj width) or (width adj of adj object\$1) or (width NEAR2 object\$1)) NEAR (scan\$4 NEAR2 image\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 10:23
S72	0	(obtain\$3 or determin\$3 or measur\$3 or acquir\$4) NEAR ((object\$1 adj width) or (width adj of adj object\$1) or (width NEAR2 object\$1)) NEAR (scan\$4 NEAR2 image\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 10:24
S73	36	(obtain\$3 or determin\$3 or measur\$3 or acquir\$4) SAME ((object\$1 adj width) or (width adj of adj object\$1) or (width NEAR2 object\$1)) SAME (scan\$4 NEAR2 image\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 10:35
S74	728	(camera\$1 NEAR2 calibrat\$4) AND "382"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 10:56
S75	39	difference adj keying	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 15:37
S81	0	(obtain\$4 OR acquir\$4) NEAR3 image\$1 NEAR3 (by OR from) NEAR3 ("near" adj infrared)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 14:15
S82	0	(obtain\$4 OR acquir\$4) SAME image\$1 SAME (by OR from) SAME ("near" adj infrared)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 14:15

## EAST Search History

S83	1605	(obtain\$4 OR acquir\$4) SAME image\$1 SAME ("near" adj infrared)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 15:02
S86	0	S85 AND (lumanace adj keying)	US-PGPUB; USPAT	OR	OFF	2006/09/20 15:07
S87	6	S85 AND (luminance adj keying)	US-PGPUB; USPAT	OR	OFF	2006/09/20 15:07
S94	121	luminance adj variance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/21 09:24
S95	65	S94 SAME value\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/21 09:31
S96	0	assign\$4 SAME S95	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/21 09:32
S97	2391	vertical adj frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/21 09:32
S98	12931	(values adj assigned) OR (assign\$4 NEAR3 value\$1) SAME S97	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/21 09:33

## EAST Search History

S99	2	((values adj assigned) OR (assign\$4 NEAR3 value\$1)) SAME S97	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/21 09:33
S10 0	1273	382/103.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/21 10:25
S10 6	60	polar adj mapping	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 14:44
S10 7	995	four adj cameras	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 15:37
S10 8	10099	eye NEAR position	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 15:38
S10 9	135	S108 near vertical	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 16:21
S11 3	0	S112 and interpol\$5 and map\$4 and band	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/09/28 09:39
S11 4	2	S112 and interpol\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/09/28 09:47



## EAST Search History

S11 5	546	((non-linear) OR (non adj linear)) adj (interpolation OR interpol\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/09/28 10:22
S11 6	344486	(tracking or track or detecting or detect\$3) adj (device or apparatus or system)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/09/28 10:21
S11 7	42	S116 and ((non-linear) OR (non adj linear)) adj (interpolation OR interpol\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/09/28 10:22
S11 8	122	luminance adj variance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/09/28 16:00
S12 0	159	(interpolation adj between adj pixels)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/09/28 16:35
S12 1	844	(non-linear adj mapping) or (non adj linear adj mapping) or (non near linear near map\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/09/28 16:36
S12 2	844	(non-linear adj mapping) or (non adj linear adj mapping) or (non near linear near map\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/09/29 07:35
S12 3	0	S122 near to near (plot or coordinate or image or position)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/09/29 07:35

## EAST Search History

S12 4	39	S122 near (plot or coordinate or image or position)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/09/29 07:39
S12 5	6719	(directing or direct\$4 aiming or pointing) near (voice or speaker)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/09/29 07:40
S12 6	23255	(obtain or acquire or determine) near ((image adj data) or (pixel adj wide) or pixel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/09/29 07:42
S12 7	12	S126 near band	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/09/29 07:52
S12 8	0	(vertical adj luminance adj variance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/09/29 07:53
S12 9	20	(vertical adj frequency adj content)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/09/29 07:55
S13 0	3	luminance near (vertical adj average)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/09/29 07:56
S13 1	15077	(discrete adj cosine adj transform)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/09/29 07:57

## EAST Search History

S13 2	104	S131 near value	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/09/29 08:02
S13 3	0	value near2 obtained near band near pixel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/09/29 09:43
S13 4	79	value near2 obtained near band	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/09/29 08:05
S13 5	0	value near (obtained or acquire\$3 or determin\$4) near around near (object or person or face or head or human)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/09/29 08:06
S13 6	1057	value near (obtained or acquire\$3 or determin\$4) near (object or person or face or head or human)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/09/29 08:31
S13 7	0	S136 near ((pixel adj wide) or (pixel near wide))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/09/29 08:34
S13 8	4951	pixel adj wide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/09/29 08:34
S13 9	25	S138 near value	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/09/29 08:58

## EAST Search History

S14 0	123	luminance adj variance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/09/29 09:10
S14 1	44	pixel NEAR ((luminance near variance) or (vertical near frequency))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/09/29 09:29
S14 2	18	pixel NEAR ((vertical adj luminance near variance) or (vertical near frequency))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/09/29 09:43
S14 3	1271	mapping adj pixel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/09/29 09:50
S14 4	6	(non-linear or (non adj linear)) adj mapping adj pixel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/09/29 09:51